

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 December 2000 (14.12.2000)

PCT

(10) International Publication Number  
**WO 00/75666 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/571, 33/92**

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(21) International Application Number: **PCT/US00/15828**

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date: **8 June 2000 (08.06.2000)**

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
60/138,192 **9 June 1999 (09.06.1999) US**

**Published:**

- *With international search report.*
- *Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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**WO 00/75666 A1**

(54) Title: **METHOD FOR DETECTING SYPHILIS USING SYNTHETIC ANTIGENS**

(57) **Abstract:** An antigen composition and method for the detection of antibodies to *Treponema pallidum* and the diagnosis of syphilis are described. The antigen composition contains synthetic cardiolipin and synthetic lecithin. The antigen composition may additionally contain cholesterol and an alcohol. The antigen composition is useful as an immunoreagent in immunoassays for the detection of antibodies associated with *T. pallidum* infection. The methods are sensitive and specific for *T. pallidum* infection.